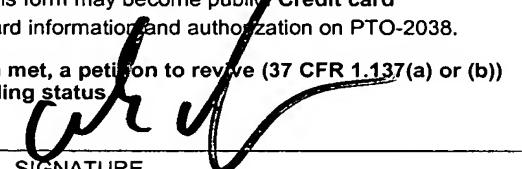


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| FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 12-2004) | | ATTORNEY'S DOCKET NUMBER 112740-1044 | |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/522349 | |
| INTERNATIONAL APPLICATION NO. PCT/DE2003/002441 | INTERNATIONAL FILING DATE 16 July 2003 | PRIORITY DATE CLAIMED 23 July 2002 | |
| TITLE OF INVENTION METHOD FOR HEAT DISSIPATION IN MOBILE RADIO DEVICES, AND A CORRESPONDING MOBILE RADIO DEVICE | | | |
| APPLICANT(S) FOR DO/EO/US Jorg Romahn | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | |
| <p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))</p> <ul style="list-style-type: none"> 1. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). 2. <input type="checkbox"/> has been communicated by the International Bureau. 3. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <ul style="list-style-type: none"> 1. <input checked="" type="checkbox"/> is attached hereto. 2. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))</p> <ul style="list-style-type: none"> 1. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). 2. <input type="checkbox"/> have been communicated by the International Bureau. 3. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. 4. <input checked="" type="checkbox"/> have not been made and will not be made. <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</p> <p>11. <input checked="" type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</p> <p>12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).</p> | | | |
| Items 13 to 23 below concern document(s) or information included: | | | |
| <p>13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>14. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>15. <input checked="" type="checkbox"/> A FIRST preliminary amendment.</p> <p>16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</p> <p>17. <input checked="" type="checkbox"/> A substitute specification.</p> <p>18. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</p> <p>20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</p> <p>22. <input checked="" type="checkbox"/> Express Mail Label No. EV 351265827 US</p> <p>23. <input type="checkbox"/> Other items or information:</p> | | | |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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| U.S. APPLICATION NO (if known, see 37 CFR 1.5) | | INTERNATIONAL APPLICATION NO. PCT/DE2003/002441 | | ATTORNEY'S DOCKET NUMBER 112740-1044 | | | | | | | | | | | | | | | | | | | |
| 24. The following fees are submitted: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"><input checked="" type="checkbox"/></td> <td style="width: 85%;">a) Basic national fee</td> <td style="width: 10%; text-align: right;">\$300.00</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>b) Examination fee</td> <td style="text-align: right;">\$200.00</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>c) Search fee</td> <td style="text-align: right;">\$500.00</td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</td> <td style="text-align: right;">\$1000.00</td> </tr> <tr> <td colspan="6"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. </td> </tr> </table> | | | | | | <input checked="" type="checkbox"/> | a) Basic national fee | \$300.00 | <input checked="" type="checkbox"/> | b) Examination fee | \$200.00 | <input checked="" type="checkbox"/> | c) Search fee | \$500.00 | TOTAL OF ABOVE CALCULATIONS = | | \$1000.00 | <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| <input checked="" type="checkbox"/> | a) Basic national fee | \$300.00 | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | b) Examination fee | \$200.00 | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | c) Search fee | \$500.00 | | | | | | | | | | | | | | | | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = | | \$1000.00 | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | | | | | | | | | | | | | | | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole) | RATE | | | | | | | | | | | | | | | | | | | | |
| - 100 = | /50 = | | x \$250.00 | | | | | | | | | | | | | | | | | | | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | | | | | | | | | | | | | | | | | | | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | | | | | | | | | | | | | | | | | | | |
| Total claims | 3 | - 20 = 0 | x \$50.00 | | | | | | | | | | | | | | | | | | | | |
| Independent claims | 3 | - 3 = 0 | x \$200.00 | | | | | | | | | | | | | | | | | | | | |
| MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00 | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = \$ 1,000.00 | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL = \$ 1,000.00 | | | | | | | | | | | | | | | | | | | | | | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL NATIONAL FEE = \$ 1,000.00 | | | | | | | | | | | | | | | | | | | | | | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL FEES ENCLOSED = \$ 1,000.00 | | | | | | | | | | | | | | | | | | | | | | | |
| Amount to be refunded: Amount to be charged: | | | | | | | | | | | | | | | | | | | | | | | |
| a. <input checked="" type="checkbox"/> A check in the amount of \$ 1,000.00 to cover the above fees is enclosed. | | | | | | | | | | | | | | | | | | | | | | | |
| b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is _____. | | | | | | | | | | | | | | | | | | | | | | | |
| c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-1818. A duplicate copy of this sheet is enclosed. | | | | | | | | | | | | | | | | | | | | | | | |
| d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | | | | | | | | | | | | | | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | | | | | | | | | | | | | | | | | | | |
| SEND ALL CORRESPONDENCE TO: William E. Vaughan (Reg. No. 39,056) Bell Boyd & Lloyd P.O. Box 1135 Chicago, Illinois 60690 312.807.4292 | | | | | | | | | | | | | | | | | | | | | | | |
|  SIGNATURE William E. Vaughan NAME 39,056 REGISTRATION NUMBER | | | | | | | | | | | | | | | | | | | | | | | |

10/522349

DT0522349 PCT/PTO 24 JAN 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Jorg Romahn
Appl. No.: PCT/DE2003/002441
Title: METHOD FOR HEAT DISSIPATION IN MOBILE RADIO DEVICES, AND A CORRESPONDING MOBILE RADIO DEVICE
Docket No.: 112740-1044

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING BY EXPRESS MAIL UNDER 37 CFR 1.10

Sir:

I hereby certify that the following documents relating to the above-identified application:

1. Transmittal Letter (duplicate);
2. International application as originally filed on 16 pages;
3. Preliminary Examination Report with amended sheets on 5 pages;
4. English translation with amended sheets on 14 pages;
5. executed Declaration and Power of Attorney (3 pages);
6. Preliminary Amendment on 17 pages;
7. IDS on 2 pages, PTO 1449 on 1 page, search report,
8. Recordation cover sheet, executed assignment on 2 pages; check for \$40.00;
9. Check in the Amount of \$1000.00; and
10. Return Receipt Postcard.

are being deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to:

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on January 21, 2005.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

Heather Foster

Name of Person Mailing Correspondence



Signature

EV 351265827 US

Express Mail Mailing Label Number